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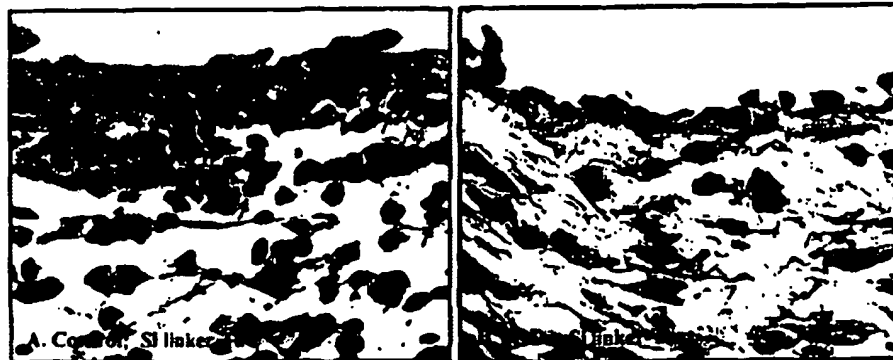
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(54) Title: BIOMATERIALS MODIFIED WITH SUPEROXIDE DISMUTASE MIMICS



(57) Abstract: The present invention relates to biomaterials modified with non-proteinaceous catalysts for the dismutation of superoxide, and processes for making such materials. This modification may be by covalent conjugation, copolymerization, or admixture of the non-proteinaceous catalysts with the biomaterial. The resulting modified biomaterials exhibit a marked decrease in inflammatory response and subsequent degradation when placed in contact with vertebrate biological systems.



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